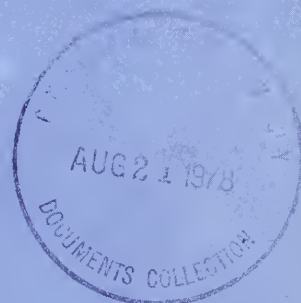



working paper

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# Information Privacy and Statistics



## A Topical Bibliography



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# Information Privacy and Statistics

A Topical Bibliography

by Tore Dalenius



**U.S. Department of Commerce**

Juanita M. Kreps, Secretary  
Courtenay M. Slater, Chief Economist

**BUREAU OF THE CENSUS**

Manuel D. Plotkin, Director

Issued July 1978



**BUREAU OF THE CENSUS**  
**Manuel D. Plotkin, Director**  
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## FOREWORD

The Bureau of the Census welcomes the opportunity to publish this bibliography with the expectation that it will provide a much needed resource for access to the literature on privacy, confidentiality, and security in censuses and surveys. It is intended that the bibliography will serve as a ready reference tool to the staff of the Bureau, other federal agencies, and state and local governments as well as public and private organizations engaged in producing official statistics.

A handwritten signature in black ink, reading "Manuel D. Plotkin". The signature is fluid and cursive, with the first name "Manuel" and last name "Plotkin" clearly legible, and "D." as a small initial between them.

Manuel D. Plotkin  
Director  
Bureau of the Census

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## PREFACE

This bibliography is a byproduct of my research project "Personintegritet vid Statistiska Undersökningar" ("Confidentiality in Surveys"), generously supported by the Bank of Sweden Tercentenary Foundation. This origin is reflected in both the areas covered and the taxonomy used.

As the title implies, the bibliography focuses on the privacy issue in the realm of statistical information systems (in contrast to administrative information systems). With that broad scope, it encompasses references concerning both sample and census surveys, and also "data banks." In developing the bibliography, I have taken into account the fact that there are already bibliographies easily available dealing with the development of security in computer systems up to around 1974; I have supplemented these bibliographies with some recent references.

Users of this bibliography will no doubt realize that it is not a perfect product:

- i. Most references are from the American literature; important contributions from British, French, German and Scandinavian literature are omitted.
- ii. In that restricted domain, there are, no doubt, coverage errors, both of omission and commission.
- iii. There are in addition, no doubt, errors in content: the classification of some references may be debatable or even wrong; as a means of reducing the impact of this shortcoming, I have chosen to have references appear in more than one category when dealing with ambiguous cases.

The compilation of a "large" bibliography would be a most demanding task if it had to be carried out from scratch. I have been privileged in obtaining help from many colleagues, especially Professor Robert F. Boruch, Northwestern University, and Professors David M. Flaherty and Edward H. Hanis, University of Western Ontario, who kindly supplied me with sets of references, many of which have been incorporated into this bibliography. Dr. Josiah Standberg, Providence, R.I. computerized the compilation of the bibliography (using the PRESS system at the computer facility at Brown University) to my great satisfaction.

In retrospect — having previously made two bibliographies in my field of interest and experienced all the agonies and frustrations associated with that kind of undertaking — I am somewhat surprised that I undertook another one. There is, however, a straightforward explanation: the strong encouragement and support that I received from the former Director of the U.S. Bureau of the Census, Mr. Vincent P. Barabba, when I was contemplating the task now finished.

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